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WGU D426 Complete Exam OA (New 2023/ 2023 Update) Data Management Foundations | Grade A | Questions and Verified Answers|100% Correct

QUESTION
Requirements are represented as

Answer:
entities, relationships, and attributes. An entity is a person, place, activity, or thing

QUESTION
A relationship is a link

Answer:
between entities, and an attribute is a descriptive property of an entity.

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QUESTION
Analysis has many alternative names, such as

Answer:
conceptual design, entity-re- lationship modeling, and requirements definition.

QUESTION
Rectangles represent

Answer:
entities

QUESTION

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_Entity names appear

Answer:
at the top of rectangles

QUESTION
_The logical design phase implements

Answer:
database requirements in a specific database system

QUESTION
_. For relational database systems, logical design

Answer:
converts entities, relation- ships, and attributes into tables, keys, and columns.

QUESTION
_The physical design phase adds

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Answer:
indexes and specifies how tables are orga- nized on storage media.

QUESTION
_Physical design affects

Answer:
query processing speed but never affects the query result

QUESTION
_The principle that physical design never affects query results is called

Answer:

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-
data independence.

QUESTION
Data independence allows

Answer:
database designers to tune query performance without changes to application programs.

QUESTION
To simplify the use of SQL with a general-purpose language

Answer:
database programs typically use an application programming interface

QUESTION
An application programming interface, or API

Answer:
is a library of procedures or classes that links a host programming language to a database.

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QUESTION
The MySQL Command-Line Client is

Answer:
a text interface included in the MySQL Server download.

QUESTION
the 'world' database

Answer:
a database that is usually installed with MySQL.

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QUESTION

_MySQL Server returns an error code and description when an

Answer:

SQL state- ment is syntactically incorrect or the database cannot execute the statement.

QUESTION

_Data structures

Answer:

that prescribe how data is organized.

QUESTION

_Rules

Answer:

govern valid data.

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QUESTION

_. A tuple is

Answer:

an ordered collection of elements enclosed in parentheses.

QUESTION

_A table has a

Answer:

name, a fixed tuple of columns, and a varying set of rows.

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